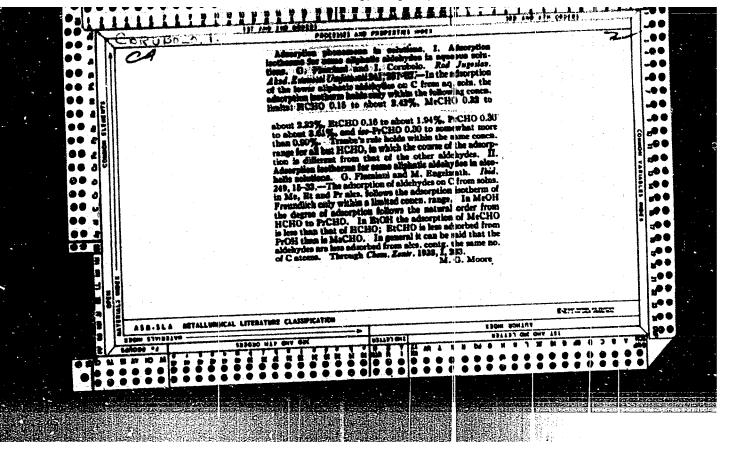


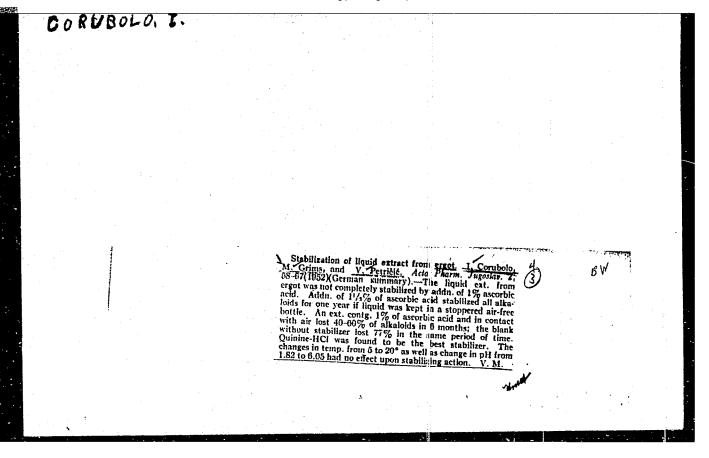
STERIADE, M.; CORTEZ, P.

Anatomicoclinical contributions to the study of tabetic cachexia. Rumanian M Rev. no.3:54-60 '61.

1. This work was carried out in the "I.P.Pavlov" Institute of Neurology.

(TABES DORSALIS complications) (CACHEXIA case reports)





CORUBOLO, I.. PETRICIC, V.

Preparation of aqueous extracts of ergot; infusum Secalis cornutum. Acta pharm. jugosl. 3 no.4:263-270 1953.

1. Zavod sa farmaceutsku tehnologiju, Farmaceutski fakultet, Zagreb.
Primljeno: 20. XII.1953.
(ERGOT ALKALOIDS, prep. of
\*aqueous extracts)

YUGOSLAVIA/Chemical Technology - Chemical Products and Their

H-17

Application. Medicinal Substances. Vitamins.

Antibiotics.

Abs Jour

: Ref Zhur - Khimiya, No 17, 1958, 58423

Author

: Corubolo Ivl, Kupinic Mirjana, Radisevic Ankica

Inst

. .

Title.

: The Stability of Antibiotics in Emulsions Containing Water and Their Preparation in Pharmaceutical Practice.

Report I. Emulsions with Penicillin.

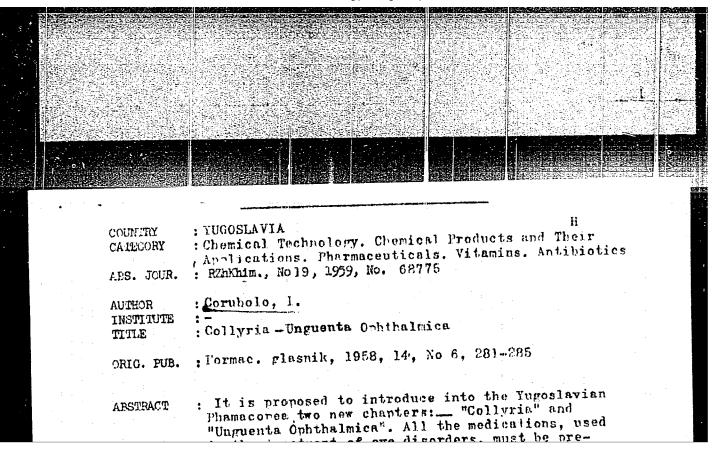
Orig Pub

: Acta. pharmac. jugosl., 1956, 6, No 2, 105-113.

Abstract

: The activity of penicillin (I) in an aqueous solution of buffer citrate Na-nipagin or -chlorocresol during a 40-day storage at 20°, is preserved up to 81% while in emulsions of the oil-water type where the aqueous phase is a bath of I in a sterile solution of citrate Na-nipagin, it falls in 15 days to 10%; in those prepared

Card 1/2



H

COUNTRY :

ABS. JOUR. : RZhKhimi, No 19, 1959, No. 6E775

AUTHOR
INSTITUTE
TITLE

ORIG. PUB.

ARSTRACT : in bottles/flasks equipped with eye droppers.

Card:

2/2

# 

PETROV, A.P., prof. dr. (Moskva); COS, S. [translator]

Methods of solving some problems in transportation by electronic computers. Zeleznice Jug 19 no.5:10-23 My'63.

RUMANIA/Chemical Technology. Chemical Products and Their

Application, Part 3. - Treatment of Natural Gases and Mineral Oil, Motor and Rocket Fuel, Lubricants.

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71996.

Author : Gheorghe Moses, Lidia Cosaceanu.

Inst

Title : Study of Stability of Transformer Oil.

Orig Pub: Electrotehnica, 1957, 5, No 9, 299-304.

Abstract: The results of the study of the arti-oxidizing

effect of 2,6-di-tert-butyl-n-crewol and n-oxydiphenylamine on transformer oils (%0) of various brands, as well as technico-economical considerations regarding the application of anti-oxidants

for rising the TO stability are presented.

Card : 1/1

#### RUMANIA

COSCIUG, V.; and CRACIUNESCU, V., Experimental Agricultural Station (Statiunea experimental agricola) Podu Iloaie

"Growth of Material Incentives Aimed an Increasing the Animal Production in the Agricultural Cooperative of the Iassi Region"

Bucharest, Revista De Zootelmie si Medicina Veterinara, Vol 16, No. 7 June 1966; pp 32-43

Abstract: [English summary modified] Review of efforts to increase productivity by using incentive premiums to all workers for production exceeding plan, and method of control and implementation on several cattle farms in Iassi region; dairy production; big farms. Tabulated data on monies paid out in 4 farms in 1965 and of rationale therefor; 3 dairy farms 1963 and 1965 showing increase in production. Figures plainly demonstrate that this method of encouraging special efforts is worthwhile. 3 tables, 7 Rumanian references.

1/1

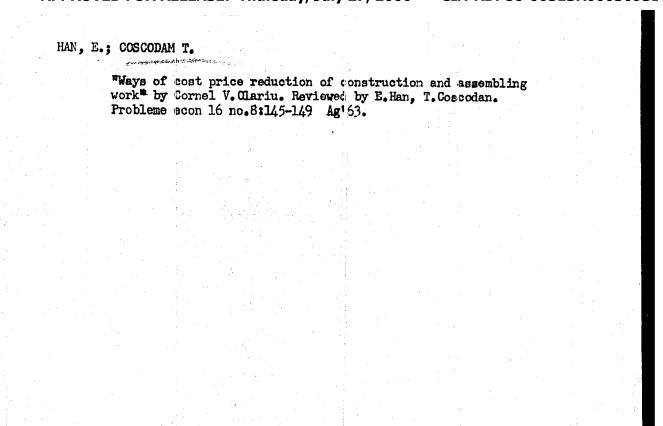
COSCIUG, Valentin, ing.

A positive experiment at the clirker furnace no.7. Constr Buc 16 no.754:2 20 J 164.

1. Head of the Technical Office, Cement Works, Medgidia.

CONCIUG, Valentin, ing.

Mechanization of hard operations. Constr Bue 16 no.766:2 12 September 1964.



VERNICEANU, A.; COSCODAN, T.

"Economic studies and research." Vol.1. Reviewed by A. Vernic and T. Coscodan. Problems econ 17 no.7:134-138 J1 164.

COSCODAN, T.; VEINTRAUB, M.

Possibilities of cost price reduction in local construction organizations. Problems upon 18 no.3:25-38 Mr 165.

HUMANIA

MONCIU, D., HD, Pharmacist; ANTAL, Laurentia, Pharmacist; COSEREANU, Sanda, Pharmacist; SELEGRANU, I., Pharmacist.

Laboratory for the Control of Medicines of the Pharmaceutical Office of the Capital (Laboratorul pentru controlul medicamentului al Oficiului farmaceutic al Capitalei) - (for all)

Bucharest, Farmacia, No 7, Jul 63, pp 429-434

"Contributions to the Study on the Preservation of Extraction Alcoholic Solutions. (Preservation of Belladonna Tincture and of Cola Tincture)"

TEODORESCU, P., prof.; ILESCU, V., dr.; IONASESCU, R., dr.; COSERU, C., dr.

On a case of benign inoculation reticulosis (cat-scratch disease).

Med. intern., Bucur 12 no.11:1677-1682 N '60.

(CAT-SCRATCH DISEASE case reports)

RUPANIA

COSERU, E., Lt-Col, Dr, and TEODORESCU, C., Lt-Col, Dr [affiliation not given]

"Considerations on the Tonus and Position Changes in the Stomach Under the Condition of Exposure to Acceleration During Flight."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63, pp 487-490.

Abstract: A study of the etipathogenic relations between digestive tract affections and conditions encountered during flight. Repeated exposure to acceleration under continuous and normal flight conditions does not lead to lasting changes in the tonus and position of the stomach, except when the flight program and food-hygiene measures are not upheld. The authors suggest that an adequate rest, work and nutrition program is all that is required for continuously flying personnel. Includes 2 figures.

1/1

•	COSEVSKI, Golub, ing. (Probistip, Clindenska 5)																
		A :	A new lead-zinc mine under development in the People's Republic of Macedonia. Tehnika Jug 16 no.10:1771-1777 0 '61.														
		1.	Tech	nical	mana	ger of	the	lead	-Zinc	Mines	of	Zlet	ovo, P.	robis	tip.		م <b>ع</b> ن و
										•			٠.	:			
				1													

COSIC, Borivoje, Ir.

Diagnosis of primary tuber ulosis in children. Tuberkuloza, Beogr. 7 no.2-3:91-97 Mar- une 55.

1. Decje odeljenje Gradske bolnice u Nisu (Sef: dr. Borivoje Cosic). (TUBERCULOSIS, PULMONIRY, in infant and child, primary complex, diag.)

Two cases of encephalitis worbillosa. Srpski arh. celok. lek.
83 no.12:1478-1461 Dec 55.

1. Decje odelenje Gradske bolnice u Misu. Sef: dr. Borivoje Cosic.
(HECEPHALITIS
measles. (Ser))
(MEASLES, compl.
encephalitis. (Ser))

DIMITRIJEVIC, Langualav, V.; COSIC, Borivoje Lj.

Suppurative hemorrhagic meningitis and its early diagnosis; 2 case reports. Srpski ark, celok. lek. 85 no.6;717-720 June 57.

1. Decje odelenje Opste bolnice u Wisu; Sef; dr. Borivoje Lj. Cosic. (MENINGITES, MENINGCOCCIC, in inf. A child early diag. (Ser))

COSIC, Borivoje, dr.

On the prognosis in tuberculosis in children. Srpski arh. celok. lek. 88 no.11:1081-1088 N 160.

1. Decje odeljenje Sreske bolnice u Nisu. Sef: dr Borivoje Cosic.

(TUBERCULOSIS in inf & child)

COSIC, B.; HADJI-PESIC, M.

Is the pre-allergic phase of primary tuberculous infection indicative of clinical symptoms in children? Tuberkuloma 15 no.1:62-64 Ja-Mr '63.

1. Decje odelenje sreske bolnice, Nis - Seft doc. dr Borivoje Cosic.

(TUBERCUL)SIS IN CHILDHOOD)

7

COSIC, B.; HADJI-PESIC, M.; DIMITRIJEVIC, D.

Mortality of tuberculous children treated in a hospital.
Tuberkulous 15 no.1:120-122 Ja-Mr 163.

1. Decje odeljenje opste belnice u Nisu - Sef: doc. dr
Borivoje Cosic.

(TUBERCULOSIS III CHILDHOOD) (MORTALITY)

#### COSIC, Regivoje; DIMITRIJEVIC, Dragoslav

Our experience with the modification of pulmonary tuberculosis in children during the period 1951-1960. Analysis of hospitalized children. Srpski arch. celok. lek. 91 no.11:1015-1020 N\*63.

1. Decje odeljenje Opste bolnice u Nisu; seft doc.dr.Borivoje Cosic.

COSIC, B.; DIMITRIJEVIC, D.; ZIVIC, R.

Spontaneous suboutaneous emphysema in granulitis. Tuberkuloza 16 no. 3:234-238 My-Ag 164

1. Decje odelenje opste bolnice, Nis (Nacelnik: doc. dr. B. Cosic).

COSIC, B., doc. dr.; ZIVIC, R., dr.; DIMITRIJEVIC, D., dr.

Purpura in children. Ethology, pathogenesis and differentiation. Med. Glas. 18 no.11:381:386 N \*64

L'Decje odeljenje Opste bulnice u Nisu (Sef: doc. dr. H. Cosic).

COSIC, B.; MIJALKOVIC, A.; IVEDVIC, T.

Adams-Stokes syndrome as a 1st sign of rheumatic fever. Reumatizam 13 no.1:12-16 '66.

1. Djecje odeljenje Opste bolnice u Nisu.

COSIC, Bogdan, Mgr. ek., asistent (Zagreb, Gajeva 38)

Some problems of transport in the European Common Market. Tehnika Jug 19 no.6: Suppl: Hemindustrija 18 no.6: 1139-1343 Je '64.

1. Faculty of Economics, University of Zagreb, Zagreb.

COSIC, D.

Application of static calculation to telegraph and telephone overhead lines. p. 21.

Periodical: TELEKONUNIKACIJE.

Vol. 8, no. 1, Jan. 1959.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, no. 4 April 1959, Uncl.

## COSIC, Milica, Dr.

Special group of directorial bacteria which are hard to differentiate from diphtheria bacteria. Glass. hig. inst., Beogr. 5 no.4:1-14 Dec 56.

(CONTNEBACTERIUM DIPHTHERIAE differentiation from diphtheroid bact. (Ser))

COSIC, V.

Workers' management of Yugos av Railroads. p 27

ZELEZNICE: (Zeleznicki institut GDJZ) Beograd.

Vol. 12, no. 5, key 1956

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

KRAMER, Mirko, sanitetski jukovnik, dr.; COSIC, Vojislav, sanitetski potpukovnik, dr.

A case of poisoning with castor seeds. Vojnosanit. pregl. 19 no.1253-54 Ja '62.

l. Vojnomedicinska ikademija u Beogradu, Klinika za unutrasnje bolesti.

(RICINUS toxicol)

<

COSIC, Vojislav, sanitetski potpukovnik, dr.; KRAMER, Mirko, sanitetski pukovnik, dr.; GALd, Aleksandar, sanitetski pukovnik, docent, dr.

Effect of radar installations on the human body and results of our studies. Vojnosanit. pregl. 20 no.3:119-126 Mr 163.

l. Vojnomedicinska akademija u Beogradu, Higijensko-hemijski institut, Odeljenj, za medicinu rada, Klinika za unutrasnje bolesti.

(RADAR)

<

GAIA, Aleksandar, sanitetski pukovnik d-r; KRAMER, Mirko, sanitetski pukovnik d-r; JOVANOVIG, Dusan, sanitetski potpukovnik; SEODREG, Sveto, sanitetski major d-r; GOSIG, Vejislav, sanitetski major.

Our experience with early diagnosis of trinitratoluses (THT) in workers. Voj. san.pregl., Beogr. 17 no. 4:474-482 Ap '60.

1. Higijenskohemiski institut; Odeljenje sa higijenu rada ; Interna klinika - toksikolosko odeljenje. (TRINITROTOLUMNE toxicol.)

COSIC, Vojislav, sanitetski potpukovnik, dr.; JELACIC, Olga vojni sluzbenik I klase, docent , dr.; KRAMER, Mirko, sanitetski pukovnik, dr.; MILENKOVIC, Dusan, mr. ph.

Clinical, patho-anatomical and chemo-toxicological considerations on 5 cases of ethylene glycol antifreeze poisoning. Vojnosanit. pregl. 21 no.12:775-781 D 164.

COSIC, Vojislav, sanitets d potpukovnik dr.

Acute gasoline prioning. Vojnosanit. pregl. 23 no.1:24-28 Ja '66.

1. Vojnomedicinska akademija u Beogradu; Klinika za umutrasnje bolesti.

COSMA, Al., dr., medic primar

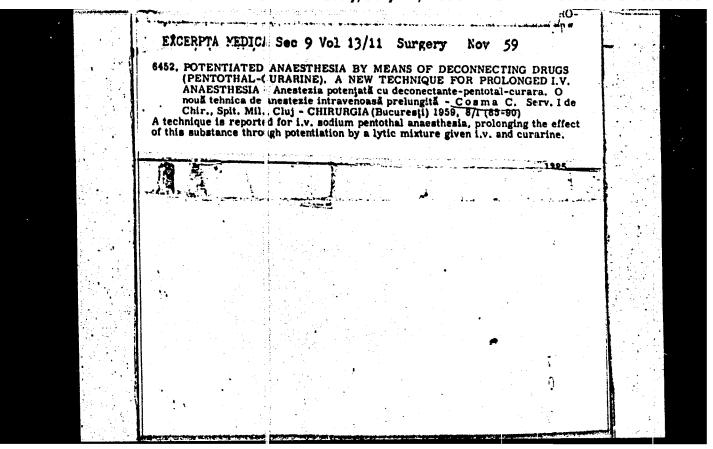
A clinical case of the typhoid-like form of human omnithosis. Microbiologia (Bucur) 9 no.68539-542 N-D 64

1. Lucrare efectuata in Spitalul de boli contagioase, Oradea.

# COSMA, Alexa, prof.

New cadres for construction sites; from the experience of the technical and professional school group in Issi. Constr Buc 14 no. 673:4; 1 December 1962;

1. Director-adjunct la Grupul Scolar tehnic profesional, Iasi.



## COSMA, C., ing.

At the Direction of Systematization, Architecture, and Designing of constructions, Success. Constr Buc 14 no.672:3 24 N 162.

1. Director il Directiei de sistematizare, arhitectura si projectare a constructiilor, Suceava.

Contributions to the geographical study of the industry in the Bucharest region. Probleme geog 7:209-223 *60. (ERAI 10:3)  (Rumania:Economic conditions)	<i>د</i>	 Constanta					
		Contributions Bucharest regi (Rumania	o the geographical n. Probleme geog ? Economic conditi	study of the state	ne industr ).	y in the (ERAI 10:3	3)
							•
	1	.e. 1 - 1 - 1 - 1					
				•			

COSMA, Constanta; PA OI-BARCO, Aurelia; STAN, C.; STEFANESCU, Ioana.

The textile and ready-made clothing industry in Bucharest. Ind text Rum 15 no.7:371-375 J1.64

1. Institute of Geology and Geography, Rumanian Mcademy.

CCSMA, Constantin, ing.

Intensive rate of labor. Constr Buc 16 no. 748:3 9 May 164.

1. Regional Trusts for Housing Construction, Issi.

### COSMA, Constantin

Technical control of quality: organization, method, results at the Regional Trusts for Housing Construction, Iasi. Constr Buc 16 no. 764:3 29 Ag 164.

1. Assistant Chief Engineer, Regional Trusts for Housing Construct.on, Iasi.

R/009/62/000/007/001/001 D272/D308

AUTHORS:

Closma, Dante, Baicu, Ştefania, Kundacıgian, Ardaş und Hubert, Hilda, Engineers

TITLE:

Considerations concerning the production of a ferritemartensitic refractory steel for gas turbine blades

PERIODICAL:

lietalurgia și construcția de mașini, no. 7, 1962,

586-593

TEXT: The processing of a Nb-containing ferrito-marten-sitic refractory steel was studied, in an effort to develop a material suitable for the construction of gas turbine blades operating in the temperature interval 550-650°C, with mechanical properties equal to those of the high Ni-Cr content austenitic steels used for this purpose. The composition of the starting material was: C 0.16, Mn 0.76, Si 0.35, Sr 11.40, V 0.30, Mo 0.60, Nb 0.23, Ni 0.48, N2 0.060 and 02 0.0080%. Macroscopic and microscopic faults appear in this steel after the required thermal treatments and these were eliminated by a series of preventive measures. Blow formation was Card 1/2



R/009/62/000/007/001/001 D272/D308

Considerations concerning ...

prevented by a considerable reduction of the gas content at the moment of casting; this was accomplished by several complementary actions comprising vigorous boiling of the bath, advanced deoxidation, and lowering of the temperature in certain stages of the process. The strong tendency for trans-crystallization was prevented by increasing the rate of crystallization, by using thin-walled ingot moulds (high temperature gradient) and low casting temperatures (1540 ± 20°C), and by hindering the tendency towards crystal growth by the use of low melting and surface active modifiers (Ca-Si). The formation of parallel linear structures was prevented by elimination of the  $\infty$  (S) phase through an addition of 1.75 - 2.75% Ni. The results were highly satisfactory, and allowed austenitic steels to be replaced by the cheaper ferrito-martensitic steels for gas turbine blades. There are 10 figures and 4 tables.

ASSOCIATION:

Institutul de cercetări metalurgice (Metallurgical Research Institute)

Card 2/2

R/009/62/000/011/001/002 D272/D308

**AUTHORS:** 

Cosma, Dante, Kundacgian, Ardas, Panaitescu, Florin, Engineers, Matei, Constantin and Nedelcovici, Valer-

ia, Engineer

TITLE:

The steel 40010 microalloyed with boron

PERIODICAL:

Metalurgia și Construcția de Mașini, no. 11, 1962,

984-988

TEXT: After a detailed discussion of the theory and practical experience relating to the microalloying of constructional steels with B in order to improve their temperability, some results are presented on an investigation of the effects of microquantities of B, added to the steel 40ClO, upon its temperability and several of its mechanical properties. Ferroborn (with 16% B) was added after denitriding and deoxidation of the steel in the furnace by additions of ferro-titanium and aluminum. The B content in the steel varied between 0.0003 and 0.0052%, achieving degrees of assimilation in the range 36-90%. The results were compared with those obtained

Card 1/2

The steel 40Cl()

R/009/62/000/011/001/002 D272/D308

on B-free specimens subjected to the same treatment. No faults were observed in the macroscopic and microscopic examination of the specimens containing B, in comparison with those lacking it. An increase of the temperability (determined in accordance with STAS E 4950-55) by a factor of 1.5-2 was observed in the B-containing specimens, but no variation of the temperability with the B content was noted. The B content caused an increase in the tensile strength and in the yield limit. Comparative diagrams of the variation of the mechanical characteristics as a function of the recovery temperature (400-600°C) for B containing and B lacking 40ClO steel have made possible the determination of increases in the yield limit, the elongation, the constriction and the resilience for equal values of the tensile strength. There are 6 figures and 5 tables.

ASSOCIATION:

Institutul de cercetări metalurgice (Metallurgical Research Institute)

Card 2/2

IAMOVICI, Mircea, ing.; CCSMA, Dante, ing.; DROSU, Mihai, ing.; ROTTENSTEIN, Butu, ing.

Contributions to the study of magnetic characteristics of dead soft steel for intense field magnetic circuits. Electrotehnica ll 100.7:266-274 Jl 163.

1. Enginer principal la Institutul de fizica atomica al Academiei R.P.R. (for Ianovici). 2. Sef de sectie la Institutul de cercetari metalurgice (for Cosma). 3. Sef adj. de sector la Uzinele Vulçan Bucaresti (for Drosu). 4. Cercetator la Institutul de cercetari metalurgice (for Rottenstein).

EWA(d)/EWP(t)/EWF(z)/EWP(b) IJP(c) ACCESSION N 1: AP5017916 RU/0017/64/000/012/0521/0526 AUTHOR: Ra L. Al. (Professor, Engineer); Cossa, D. (Engineer) TIPLE: Cont ibutions to the development of stainless and refractory nitrogenalloyed ste :ls 18 SCURCE: Me alurgia, no. 12, 1964, 521-526 TOPIC TAGS: alloy steel, nickel steel/ nitrogen, stainless steel, high temperature metal ABSTRACT: experiments show that nitrogen can partially replace nickel in steel alloys and improve the properties of the resulting stainless and refractory steels. The occurrence of bubbles is avoided by bubbling argon through the molten allow and thus removing excess nitrogen. Orig. art. has: 6 figures, 9 graphs, 3 tables. ASSOCIATION: Rau Institutul politehnic, Eucharest (Polytechnical Institute); Comma/Institutul de cercetari metalurgice (Institute for Metallurgical Research) SUEMITTED: 00 ENCL: 00 SUB CODE: MM NE REF SOV 000 OTHER: 021 JPRS

POP, Emil, acad.; SCRAN, Viorel; COSMA, Dorina

Some data on the absorption capacity of cotyledons. Studii biol Cluj 12 no.1:61-72 161.

1. Universitatea "Babes-Bolyai" Cluj, Laboratorul de fiziologie plantelor, 2. Membru al Comitetului de redactie si redactor responsabil, "Litudii si cercetari de biologie" [Filiala Cluj, Academia Republicii Populare Romine] (for Pop).

COSMA, Dorina; SORAN, Viorel; RADDVICI, Maria

Existence of a layer of living cells in seed teguments. Studii cerc tiol veget 13 nc.4:441-447 '61.

1. Universitatea "Babes-Bolyai", Cluj, Iaboratorul de fiziologie plantelor. Comunicare prezentata de academician Em. Pop.

Additional protection of telegraph and telephone poles.
Telekomunikacije 10 no.1:23-27 Ja '61. (EEAI 10:6)
(Yugoslavia--Telgraph) (Yugoslavia--Telephone)

88097

R/003/60/011/011/004/007 A124/A026

18.7400

AUTHORS:

Goldenberg, N., Cosma, E., Engineers

TITLE:

Method of Coating Metal Surfaces by Sintering Polyethane Powder in

Fluidized Bed

PERIODICAL:

Revista de Chimie, 1960, Vol. 11, No. 11, pp. 653 - 657

TEXT: Subject article deals with the protection of metal surfaces against corrosion by coating them with a thin plastic layer. Polyethane proved to be highly resistant against various corroding agents. The best way of application is the sintering of polyethane powder in fluidized bed. This method consists in immersing the preheated metal part; in the fluidized polyethane powder, removing the excess powder, and finally applying thermal treatment to obtain a uniform distribution of the polyethane coating. Experiments have been conducted in order to produce a protective coating of a low-pressure Rumanian polyethane. The metal parts have been preheated to 250°C, 280°C and 300°C. Non-preheated air has been used as fluidizing agent. Preheated air of 90°C did not supply better results. The immersion time ranged between 3 - 10 sec. The temperature of the thermal treatment performed in order to obtain a uniform distribution was kept 20 - 30°C below the preheating

Card 1/3

\*\* 1/2

88097

R/003/60/011/011/004/007 A124/A026

Method of Coating Metal Surfaces by Sintering Polyethane Powder in Fluidized Bed

temperature, the treatment itself lasted for 1 - 3 min. The fluidizing vessel consisted of a cylindrical container, 200 mm high, 100 mm in diameter, having at the bottom a glass plate with pores 50 \mu in diameter each. This plate serves for the dispersion of the fluidizing agent in the polyethane bed. The air inlet nozzle between the bottom and the glass plate had a diameter of 12 mm. The powder has been fluilized with compressed air and the thermal treatment has been accomplished in a common laboratory drier with automatic temperature control. The polyethane had a fluidity index of 0.6 - 0.7 g/10 min and particles ranging between 0.07 and 0.1 mm. Before being used, the polyethane powder had been dried for 24 hrs at 60°C. The parts were made of 0.5 - 3 mm soft sheet metal. They have been degreased in a 1:1 toluene-acetone mixture and pickled in a 50% sulphuric acid solution. In order to establish the best operation, several preliminary experiments have been conducted. The preheating temperature has a direct effect on the thickness of the coating. The coating is transparent and bright, it is very elastic, and has a perfect adherence. It is resistant to 50% sulphuric acid, 37% hydrochloric acid, 85% phosphor c acid, 50% sodium hydroxide, etc. Good results were obtained in the Laborato ul de Incercare și Prelucrare a Materialelor Plastice (Laboratory for Test-

Card 2/3

#### "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00030932

88097 R/003/60/**0**11/011/004/007 A124/A026

Method o' Coating Metal Surfaces by Sintering Polyethane Powder in Fluidized Bed

ing and Processing Plastic Materials) with a tube coated in fluidized polyethane which operates at 65°C in a 10% sulphuric acid solution. There are 3 tables, 4 figures and 5 references: 1 Rumanian, 1 Soviet, 1 English, 1 German and 1 unidentified.

Card 3/3

Pc-4 RM/WH. R/0003/63/014/006/0341/0345 EWF(J)/EWP(q)/BDS ACCESS ON NR: AP3005754 AUTHOR: Goldenberg, N.; Cosma, E. TITLE: The chromoplastic materials -- a new type of materials used to study the behavior of constructions by means of model tests SOURCI: Revista do chimie, V. 14, No. 6, 1963, 341-345 TOPIC TAGS: CSDP-30 chromoplastic material, plastic deformation ABSTRICT: The purpose of the work was to study the properties of chromoplastic mater als, particularly CSDP-30 not further identified. The physical-mechanical properties of the substance are given in tabular form, as are the values relating to its tearing behavior and resistance to various stresses. In all these compounds, the appearance of color marks the beginning of plastic deformation. The value at which the color-chromoplastic effect appears depends on concrete test conditions, as shown in a table and several figures. The tests of CSDP-30 at 220°C showed that at application speeds below 66 mm/min, elongation is more pronown ed and resistance to breaking is smaller, while the effect appears earlier; above 60 mm/min, elongation declines and resistance to breaking increases. The appe rance of the chromoplastic phenomenon is also related to the test temperature.

ASS XX	es and 4 table	i <b>s.</b> Janas and Lagrandija					
					FNCL: O	3	
1. 精制	TTED: 00		ACQ: 14 Aug 6 EF SOV: 000	<b>3</b> 3		009	
SUE C	ODE: CH, MA	n on	er sov.				

OSMA, Frederic; KISS, Ladislau, temmician de normare; IENCIU, Traian;
BARBALATA, St.; ENESCU, Constantin, tehnician; HOTUPAN, Plorian,
corespondent; BONCUT, Remus

Problems connected with the organization of production brigades. Constr Buc 16 no.746:3 25 April 64.

1. Trustul Regional de Constructii de Locuinte, Cluj (for Kiss).
2. Seful serviciului organizarea muncii, Trustul Regional de
Constructii de Locuinte, Cluj (for Cosma). 3. Seful serviciului
organizarea muncii de la grupul de santiere nr.2 Sibiu, Trustul
Regional de Constructii de Locuinte, Brasov (for Ienciu).
4. Seful serviciului organizarea muncii de la grupul de santiere
nr.1, Trustul Regional de Constructii de Locuinte, Galati (for
Barbalata). 5. Seful serviciului organizarea muncii, Directia
generala constructii montaj, Bucuresti (for Boncut).
6. Trustul Regional de Constructii de Locuinte, Arges (for
Enescu).

COSMA, Frederic

The receiving of the new graduates was prepared in advance. Constr Bue 16 no. 755:4 27 June '64.

 Head of the Department of Labor Organization in the frame of Regional Trusts for Housing Construction, Cluj.

COSMA, Frideric

Prevaration according to the needs. Constr Buc 17 nc.789:2
20 F 165.

1. Secretary of the basic organization of the Rumanian Workers Party of the Regional Trust for Construction, Cluj.

DOMIDE, T., ing.; COSMA, Gerda, ing.

Synthetic reactive trepanine for traating drilling fluids. Petrol si gaze 12 no.5:213-215 My '61.

L 31858-66

ACC NR: AP6021278

SOURCE CODE: RU/0003/65/016/001/0028/0030

AUTHOR: Domide, T.; Cosma, G.-Kosma, G.

ORG: none

TITLE: Trepanine, a new category of resins for the conditioning of drilling fluids

SOURCE: Revista de chimie, v. 16, no. 1, 1965, 28-30

TOPIC TAGS: resin, sulfonation, polycondensation

ABSTRACT: The authors discuss the preparation and properties of trepanine (Rum. patent), a phenolformaldehydesulphonic resin obtained by omega sulfonation—that is used for the conditioning of drilling fluids. Among their conclusions: the molar-limit ratio for obtaining a thermostable resin is smaller in the case of phenolformaldehyde-w-sulphonic resins than for the phenolformaldehyde resins; the polycondensation speed falls with an increase in the amount of sodium sulphite; the resins may be diluted with the sodium salts of the acids C1 to C4 without adverse effects on the properties useful in the conditioning of drilling fluids. Orig. art. has: 3 figures. [JFRS]

SUB CODE: 11, 07 / SUBM DATE: none

Card 1/1 U.S

#### "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00030932

Cosma,

RUMANIA/Magnetism - Experimental Methods of Magnetism

F-2

Abs Jour : Faf Zhur - Fisike, No 4, 1958, No 8409

Author

: Cosma Ch.

Inst

: Not Given

Title

: Oscillographic Method for Investigation of Perromagnetic Mater-

ials.

Orig Pub: Bul. stilmt. Aced HPP, Sec. mat. 51 fiz., 1956, 8, No 4, 887-913

Abstract: A study was made of the possibilities and optimum conditions for using a vacuum tube cacillograph, provided with integrating cells, for the determination of the dynamic curves of cyclic reversal of magnetization at a frequency of 50 cycles of iron and other ferromagnetic materials. Satisfactory results were obtained with specimens of various shapes: rods, strips, wire, etc. The method is suitable both for scientific research and for plant quality control of production. Under suitable choice of the elements of the magnetic circuit and of the integrating cells, the measurement errors do not exceed 1 to 5%.

: 1/1 Card

SLAVESCU, M., ing.; COSMA, Oh., ing.; STŒNESCU, S.

Investigations on the possibilities of improving the efficiency of high power centrifugal fans. Energetica Rum 12 no.12:610-618 D '64.

COSMA, H.

The Uricani Coal Mining Enterprise. Revista Minelor (Mining Journal) #8:259: Aug 55

STATICESCU, P. ing.; OLTEANU, Gh., dr.; MATEI, A., ing.; MUNTEANU, E. ing.; LUTSCH, M., ing.; POPA, I., ing.; RACZ, Z., ing.; COSMA, I., ing.; LENGYEL, V., ing.; LUNGU, C., ing.; SINGER, M., ing.; CRETU, I., ing.; GRIGORAS, m., ing.; CRACIUNESCU, C., ing.; COLIS, I., ing.; BACOS, M., ing.; ALEXANDRESCU, T., ing.; BERZOVAN, I., ing.; TOARNICZSKI, E., ing.; OCHIANA, S., ing.; MOCANU, E., ing.

> Results obtained with different varieties in sugar-beet growing. Ind alim 14 no.9:342-348 S163.

- 1. Fabrica de zahar Giurgiu (for Matei, Munteanu). 2. Fabrica de zahar Bod (for Lutsch, Popa).
- 3. Fabrica de zahar Tg. Mures (for Racz, Cosma, Lengyel).
- 4. Fabrica de zahar Roman (for Lungu, Singer).
- 5. Fabrica de zahar Bucecea (for Cretu, Grigoras).
- 6. Fabrica de zahar Oltenia (for Craciunescu, Colis).
- 7. Fabrica de zahar Banat (for Bacos).
- 8. Fabrica de zahar Arad (for Alexandrescu, Esrzovar).
- 9. Fabrica de zahar Ludus (for Toarniczski, Chiana).
- 10. Fabrica de zahar Sascut (for Mocanu).

COSPIA, 111.

- RUMANIA/Analytic Chemistry - Analysis of Inorganic Substances.

E-2

Abs Jaur

: Ref Zhur - Khimiya, No 14, 1958, 46433

Author

: C. Liteanu, M. Cosma

Inst

Title

: Rapid Analysis of Lyes Produced in Manufacturing

Potassium Chlorate.

Orig Pub

: Rev. chi., 1957, 8, No 7, 487-489

Abstract

: Lyes produced in the manufacturing of KClO<sub>3</sub> by the lime method contain CaCl<sub>2</sub>, Ca(ClO)<sub>2</sub> and Ca(ClO<sub>3</sub>)<sub>2</sub>. For the determination of ClO-, 20 to 25 ml of 10%-ual H<sub>2</sub>SO<sub>4</sub> is added to 10 - 20 ml of 0.1%-ual methyl orange solution, the mixture is heated to 70 or 800 and titrated with the lye to be analysed until the red color of the solution changes into light-yellow. A quantitative reduction of Clo" takes place under these conditions. The

titer of methyl orange solution is found out by

Card 1/2

RUMANIA/Analytic Chemistry - Analysis of Inorganic Substances.

E-2

Abs Jour

: Ref Zhur - Khimiya, No 14, 1958, 46433

titration (under the same conditions) with lye, in which the ClO content has been determined previously by iodometric titration in an acetic medium. After that, the total amount of Cl in the sample is determined by titration with AgNO3 according to Volgard, and the initial content of Cl in the lye is found by the difference by tween the determined amount of Cl and the amount of Cl produced by the reduction of ClO. ClO3 and ClO are reduced to Cl in another lye sample using FeSO4 in a neutral or alkaline medium at 80 to 90°, the produced Fe(OH)2 and Fe(OH)3 are dissolved in HNO3, boiled, and the total amount of Cl is determined according to Volgard; the amount of Cl corresponding to ClO3 is found from the difference. The analysis does not take more than 20 min.

Card 2/2

20

IAROVICI, M., candidat in stiinte economice; COSMA, M.

Economic importance os synthetic fiber utilization in the tertile industry. Problems econ 15 no.8:31-42 Ag 162.

ENESCU, I., a.cad.; TAGU, V., dr.; COSMA, M., dr. Grave supraventricular paroxysmal tachycarida after myocmrdial infarct. Med. int., Bucur. 12 no.1:85-91 Ja 160. 1. Incrare efectuata in Clinica a III-a medicala, Iasi, director: acad. I. Enescu. (MYOGARDIAL INFARCT, complications) (TACHYCARDIA, PAROXYSMAI, etiology)

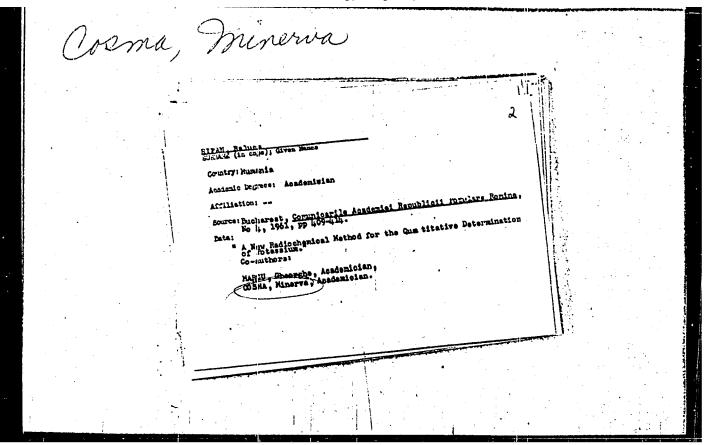
LITEANU, C.; COSMA, M.

A new method for polarimetric determination of inactive opticions. P.. 2. Studia Univ B-B S. Chem 7 no.2:47-51 162.

IAROVICE, M., candidat in stiinte economice; COSMA, M., ing.; DODU, A., ing.; MACOVEI, M., ing.; GIURCA, Virginia; HARDT, Hedi, ing.

Aspects of the comparative economic efficiency of the main textile technologies. Ind text Rum 15 no.11:573-580 N '64.

1. Institute for Textile Research, Bucharest.



Cosma, NI

RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Ehur-Khimiya, No 9, 1959, 31412

Author

: Silborg, Al., Simiti, I., Cosna, N., Proinov, I.

: AS Rumania.

Inst Title

: On Some Reactions of Addition to Isothiocyanatos. I. Addition of Thiosenicarbazides to Isothiocyanates and Study of Pro-

perties of Products Obtained.

Orig Pub : Studii si cercetari chin. Acad. RPR. Fil. Cluj, 1957, 8, No 3-4, 315-333

Abstract: In the research for physiologically active substances, compounds of the composition RNHCSNHNHCSNHR! (In to II, where a  $R = C_6H_5$ , R! = H; b  $R = C_3H_5$ , R! = H; c  $R = C_7-C_1OH_7$ ,

Card

: 1/6

RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 31412

Card

: 2/6

155

RUM/NI//Organic Chemistry. Organic Synthesis.

G-2

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 31412

is introduced into the solution of 1 g of thiosemicarbazide in 2 nl of C<sub>5</sub>H<sub>5</sub>N, the mixture is boiled, and Iz is precipitated with alcohol, nelt. p. 176°. The following was obtained in a similar way (the substances and the nelt. p. in °C are enumerated): Ib, 184 (from water); Ic, 199 (from alc.); Id, 192-193; Ie, 195 (dec., from alc.); If, 175 (from C<sub>5</sub>H<sub>5</sub>N-alc.); Ig, 184; Ih, 175, Ii, 183-185. The solutions of Ia to Ii in alcohol are heated until the separation of H<sub>2</sub>S discontinues, or they are oxidized with I<sub>2</sub> or FeCl<sub>3</sub> solutions, and IIa, 212-213; IIb, 112-115, IIc, 229-231, IId, 248-250; IIe, 190; IIf, 259-260; IIg, 176-177; IIh, 222-

Card

: 4/6

156

RUMANI//Organic Chemistry. Organic Synthesis.

G-2

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 31412

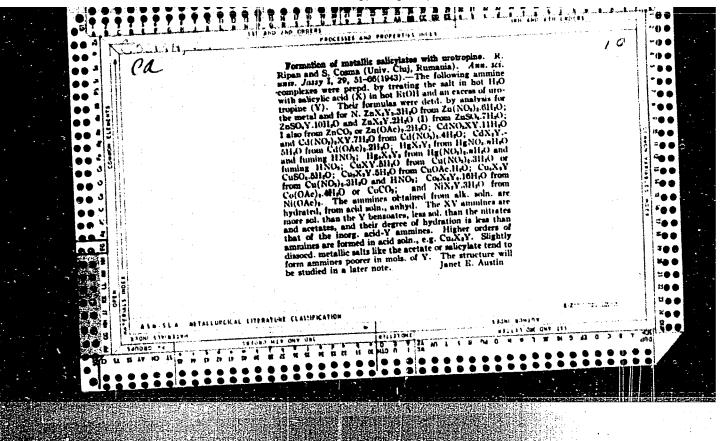
225; IIi, 240-243 are separated. The latter are acetylated into IIIa, 277; IIIb, 253, IIIc, 274, IIId, 229; IIIe, 113-114; IIIf, 285; IIIg, 108-109; IIIh, 200-201; IIIi, 183-184. 2 g of Ia in 10 nl of CH3COOH and solution of SnCl<sub>2</sub> in HCl are boiled until the components are dissolved, the solvent is distilled off, and the residue is dissolved in 250-300 nl of water. H2S is passed through the solution, it is evaporated until dry, and IVa, nelt. p. 240° (from alc.), is obtained. 2 g of Ia is heated with 60 nl of conc. HBl until H<sub>2</sub>S starts to separate out, the nixture is filtered and alkalized to pH = 7.5; and IVb, melt. p. 216-218° (from alc.)

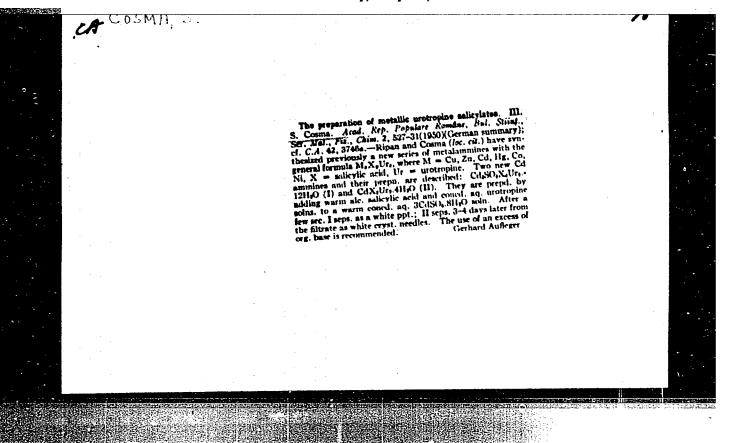
Card : 5/6

COSMA, R., ing.

Mechanization of some works in sugar-beet cultivation in the Brasov region. Ind alim 16 no.3:141-143 Mr 165.

1. Assistant Director, Bod Sugar Plant.





RUMANIA/Analytical Chemistry - Analysis of Inorganic Substances. E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24745

the Au precipitate is filtered off, washed with hot water, alcohol, and ether, dried in a vacuum desiccator and weighed. Ag't is first removed by 2-fold precipitation as AgCl. In the presence of other reducible metals (Cu, Hg, Bi) the Au precipitate is first washed with nitric acid.

Card 2/2

13

COSMA, St.; PELTZ, S.

Geologic studies in the Paltinis-Dragoeasa region (Bistrita Mountains). Dari scama sed 47:33-44 '59/60 [publ. '62].

COSMA, St.; TEODORU, I.; BRESTOIU, Camelia

Geologic research in Central Dobruja (green shales). Dari seama sed 46:207-224 '58/59 [publ. '62].

STEFAN, Remus; COSMA, Stanciu

Geologic and petrographic research in the Rosia Montana region (Metaliferi Mountains). Dari seama sed 46:159~175 158/59 [publ. 162].

COSMA, St.

Report on the C 28 trip in Finland; the 21st International Congress of Geology. Dari seams sed 49 pt.2:289-294 '61-'62 [publ. '64].

1. Submitted February 17, 1961.

COSMA, Tudose, asistent (Galati)

Physical kaleidoscope. Gaz mat B 14 no.6:341-343 Je '63.

COSMA, Tudose, asistent (Galati)

Magnetic field of the earth. Gaz mat B 14 no.10:583-593 163.

HARAGUS, St.,; COSMA, V.,; ROSIN, D.

Peripheral arteritis in subjects of rheumatic heart disease. Probl. reumat., Bucur. Vol. II.:249-258 1954.

(RHEDIATIC HEART DISEASE, compl. arteritis, peripheral) (ARTERITIS peripheral, in rheum. heart dis.)

DANIELIO, L., Prof.: COSHA, V., dr.; MOISESCU, V., dr.; PAPILIAN, V.V., dr.;

JOSAN, R., dr.

Notes on texic hepatitis during hydraside therapy. Med. int.,
Bucur. 9 no.2:189-198 Feb 57.

1. Lucrare efectuata in Clinica ftiziologica - dir. prof. L. Daniello.
Institutul de anatomie patologica - dir. prof. R. Popa.Clinica
bolilor contagioase din Cluj - dir. prof. I. Gavrila.

(TUBERCULOSIS FULMONARI, therapy
isoniazid, causing toxic hepatitis)

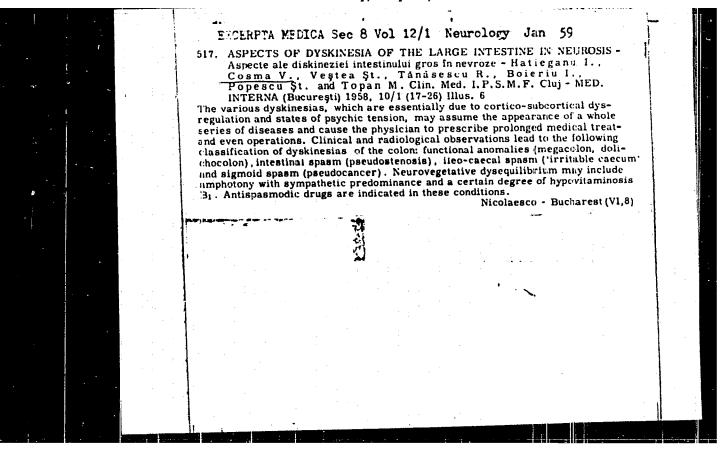
(ISONMAZID, inj. eff.
hepatitie, in ther. of tuberc.)

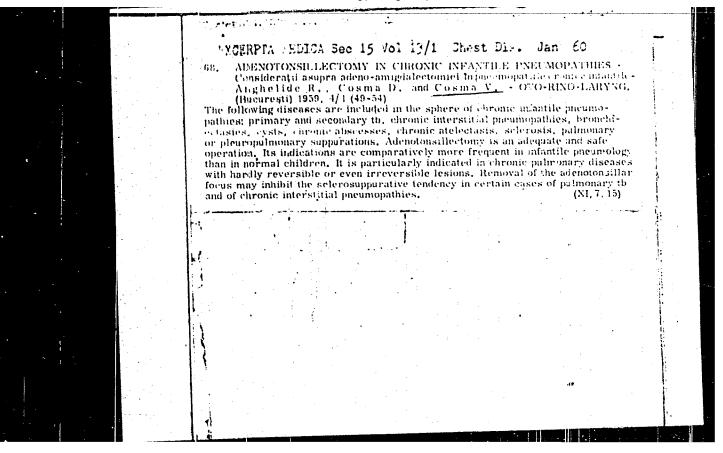
(HEPATITS, etiol. & pathogen.
isoniazid ther. of tuberc.)

COSMA, V., Dr.; GHERMAN, Gr., dr.; PAPILIAN, V.V., dr.

Liver puncture biopsy in clinical practice. Med. int., Bucur. 9 no.2:285-294 Feb 57.

1. Clinica medicala I.P.S.M., Cluj dir. Acad. I. Hatiegamu.
Clinica a II-a medicala, Cluj dir. prof. I. Goia. Institutul.
de anatomie patologica dir. prof. R. Popa.
(LIVIR, pathology
biopsy, puncture, technic & practical value)





Polyangiitis with meningo-cerebral manifestations. Med. int.,

Polyangiitis with meningo-cerebral manifestations. Med. int.,

Bucur. 12 no.2:305-309 F 160.

(PERIARTERITIS NODOSA, complications)

(MENINGEAL AFFERIES, diseases)

(CEREBRAL ARTERIES, diseases)

COSMA, V. dr.

Research on disorders of protein balance in bronchopulmomary suppurations. Med. intern., Bucur 12 no.7:1073-1083 J1'60.

1. Lucrare efectuata in Clinica a III-a medicala, Cluj.
(LUNG DISEASES, blood) (BLOOD PROTEINS, metab.)